

ABSTRACT

[0061] A servobrake (10), of the type comprising a pneumatic brake booster (12) and a master cylinder (22) a main piston (20) of which slides in a front pressure chamber (24) and comprises:

a fixed first rear end (46) which is intended to be actuated by a pneumatic piston (16) of the booster (12),

a moving second rear end (48) which is intended to be actuated by a feeler (18) of the booster (12) coaxial with the piston (16) to act upon a reaction ram (52) communicating with a front pressure chamber (24) of the master cylinder to transmit, to the second end (48), the reaction of the pressure forces in the front chamber (24), characterized in that isolation means, controlled when the input force of the booster (12) exceeds a given rate threshold, comprise a hydraulic isolation valve shutter (58) associated with flow restricting means, which is independent of the internal piston (50) of the ram (52).